

PATENT APPLICATION 48930-01701

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	Richard L. Bonkowski, et al.)
Application No.:	10/706,211) Art Unit
Filed:	November 12, 2003)
For:	SECURITY ARTICLES HAVING DIFFRACTIVE SURFACES AND COLOR SHIFTING BACKGROUNDS)))
Examiner:	Not yet known))

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of all documents are not enclosed as they can be found in the parent application. In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

To the extent any additional fees are due in connection with this communication, Applicants request that they be withdrawn from Deposit Account No. 082665.

DATED this <u>17</u> day of February, 2004.

Respectfully submitted,

David O. Seeley, Reg. No. 30,148

Customer No. 34013

Holme Roberts & Owen LLP

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Salt Lake City, Utah 84111

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PTO/SB/08A (08-03)
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Complete if Known ute for form 1449/PTO **Application Number** 10/706,211 November 12, 2003 Filing Date INFORMATION DISCLOSURE First Named Inventor Richard L. Bonkowski STATEMENT BY APPLICANT Unknown Art Unit (Use as many sheets as necessary) **Examiner Name** Unknown 48930-01701 5 Attorney Docket Number Sheet of

				U.S. PATEN	IT DOCUMENTS	
Examiner Initials*			Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	+		ımber-Kind Code ^{2(If known)}	10/1061		i iguico / ippodi
	1	US-	3,011,383	12/1961	Sylvester, et al.	
	2	US-	4,756,771	07/12/88	Brodalla, et al.	
	3	US-	4,779,898	10/25/88	Berning, et al.	
-	4	US-	5,002,312	3/26/91	Phillips, et al.	
	5	US-	5,009,486	04/23/91	Dobrowolski, et al.	
	6	US-	5,084,351	01/28/92	Phillips, et al.	
	7	US-	5,171,363	12/15/92	Phillips, et al.	
	8	US-	5,364,467	11/15/94	Schmid, et al.	
	9	US-	5,648,165	07/15/97	Phillips, et al.	
	10	US-	5,650,248	07/22/97	Miekka, et al.	
	11	US-	5,763,086	06/09/98	Schmid, et al.	
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	13	US-	5,912,767	06/15/99	Lee	
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	17	US-	6,068,691	05/30/00	Miekka, et al.	
	18	US-	6,112,388	09/05/00	Kimoto, et al.	
	19	US-	6,168,100 B1	01/02/01	Kato, et al.	
	20	US	6,241,858 B1	06/05/01	Phillips, et al.	

		FOREIGN P.	ATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
	21	DE 43 43 387	06/25/95			
	22	EP 0 756 945	02/05/97			
	23	WO 00/08596	02/17/00			
	24	WO 98/12583	03/26/98			

Examiner	Date	·
Signature	Cons	sidered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		INFORMATION			First Named Inventor	Richard L. Bonkowski	
		STATEMENT E			Art Unit	Unknown	
		(Use as many site	eus as	necessary)	Examiner Name	Unknown	
<u> </u>	Sheet	2	of	5	Attorney Docket Number	48930-01701	

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Examiner Initials*	Cite No.1			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	125		umber-Kind Code ^{2(If known)}	01/02/70	T - C	3.000
	25	US-	4,066,280	01/03/78	LaCapria	
	26	US-	4,126,373	11/21/78	Moraw	
	27	US-	4,155,627	05/22/79	Gale, et al.	
	28	US-	4,168,983	09/25/79	Vittands, et al.	
	29	US-	4,930,866	06/05/90	Berning, et al.	
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	31	US-	5,106,125	04/21/92	Antes	
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	42	US-	6,157,489	12/05/00	Bradley, Jr., et al.	
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	44	US-	6,243,204 B1	06/05/01	Bradley, Jr., et al.	

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Signature	Considered	

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$\overline{\ }$	Sheet	3	of	5	Attorney Docket Number	48930-01701		

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nitials*	No.1	Number-Kind Code ^{2(if known)}		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	45	US-	Re.35,512	05/20/97	Nowak, et al.	
	46	US-	4,168,983	09/25/79	Vittands, et al.	
	47	US-	4,434,010	02/28/84	Ash	
	48	US-	4,705,300	11/10/87	Berning, et al.	
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	50	US-	4,721,217	01/26/88	Phillips, et al.	
	51	US-	4,838,648	06/13/89	Phillips, et al.	
	52	US-	5,059,245	10/22/91	Phillips, et al.	
	53	US-	5,084,351	01/28/92	Phillips, et al.	
•	54	US-	5,135,812	08/04/92	Phillips, et al.	
	55	US	5,171,363	12/15/92	Phillips, et al.	
	56	US-	5,278,590	01/11/94	Phillips, et al.	
	57	US-	5,279,657	01/18/94	Phillips, et al.	
	58	US-	5,549,774	08/27/96	Miekka, et al.	
	59	US-	5,571,624	11/05/96	Phillips, et al.	
	60	US-	5,624,076	04/29/97	Miekka, et al.	
	61	US-	5,629,068	05/13/97	Miekka, et al.	
	62	US-	5,672,410	09/30/97	Miekka, et al.	
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				Art Unit	Unknown	
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Sheet	Δ	of	5	Attorney Docket Number	48930-01701	

xaminer nitials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	63	John M. McKiernan, et al., "Luminescence and Laser Action of Coumarin Dyes				
		Doped in Silicate and Aluminosilicate Glasses Prepared by the Sol-Gel				
		Technique," Journal of Inorganic and Organometallic Polymers, Vol. 1, No. 1,				
		1991, pages 87-103.				
	64	Jeffery I. Zink, et al., "Optical Probes and Properties of Aluminosilicate Glasses				
		Prepared By The Sol-Gel Method," Polym. Mater. Sci. Eng., pages 204-208				
		(1989).				
	65	Don W. Tomkins, Kurz Hastings, "Transparent Overlays for Security Printing and				
		Plastic ID Cards," Pages 1-8, November, 1997.				
	66	The Mearl Corporation brochure for "Mearl Iridescent Film," Peekskill, NY.				
	67	J.A. Dobrowolski; K.M. Baird; P.D. Carman; and A. Waldorf, "Optical				
		Interference Coatings for Inhibiting of Counterfeiting," Optica Acta, 1973, Vol.				
		20, No. 12, 925-937.				
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		Reference," Long Beach, CA.				
	69	Minolta Manual for "Precise Color Communication, Color Control From Feeling				
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	70	Frans Defilet, LGZ Landis & Gyr Zug Corporation, "Kinegrams 'Optical Variable				
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		Diego, April 1-3, 1987				
	71	S.P. McGrew, "Hologram Counterfeiting: Problems and Solutions," SPIE, Volume				
		1210 Optical Security and Anticounterfeiting Systems, 1990, Pages 66-76.				
	72	Rudolf L. van Renesse, "Security Design of Valuable Documents and Products,"				
		SPIE, Vol. 2659, June 1996, Pages 10-20.				
	73	3 Steve McGrew, "Countermeasures Against Hologram Counterfeiting," Internet				
		site www.iea.com/nli/publications/countermeasures.htm, January 6, 2000.				
	74	Roger W. Phillips, "Optically Variable Films, Pigments, and Inks," SPIE Vol.				
		1323, Optical Thin Films III: New Developments, 1990, Pages 98-109.				
	75	75 Roger W. Phillips, and Anton F. Bleikolm, "Optical Coatings for Document				
		Security," Applied Optics, Vol. 35, No. 28, October 1, 1996, Pages 5529-5534.				
xaminer	_	Date				

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	Art Unit	Unknown	
	Examiner Name	Unknown	

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		NON PATENT LITERATURE DOCUMENTS
xaminer	Cite	
nitials*	No.1	
	76	J.A. Dobrowolski; F.C. Ho; and A. Waldorf, 'Research on Thin Film
	l	Anticounterfeiting Coatings at the National Research Council of Canada," Applie
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	78	OVD Kinegram Cor, "OVD Kinegram Management of Light to Provide Security
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	79	I.M. Boswarva, et al., "Roll Coater System for the Production of Optically
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		Technical Conference, Society of Vacuum Coaters, pages 103-109 (1990).
		Technical Conference, Beefety of Vacuum Couters, pages 103 107 (1990).
		
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Examiner Signature		Date Considered
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	SHIFTING BACKGROUNDS)
Examiner:	Not yet known)

CERTIFICATE OF MAILING

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Dear Sir:

I hereby certify that the below listed documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee," Certificate # EV 300737505 US under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

- 1. Information Disclosure Statement Transmittal Form (2 pgs.)
- 2. Information Disclosure Statement by Applicant, Forms PTO/SB/08A & 08B (5 pgs.)
- 3. Return Receipt Postcard.

Dated this day of February, 2004

Nancy Plannigan

Legal Secretary

Holme Roberts & Owen LLP 299 South Main Street, Suite 1800

Salt Lake City, Utah 84111

(801) 521-5800